TABLE 8—-Continued

	Fro m	Told
	Velocity, m per Second	Time in Seconds
Air and gas passing through the valves	3 50	
Entering regenerators	3 00	
Passing through regenerators, less than	1 00	
Air in regenerator chamber		5 00
Checkerwork		3 00
Gas in regenerator chamber		4 00
Checkerwork		3 00
Air and gas parsing through checkerwork, less than. .	2.00 0.50	
Air and gas passing through chamber over	8.00	
Gases in the hearth		2 00

through the regenerator may be gaged by the following record of the gas pressure below and above the checkerwork published by E. Juon.

MEASURE OF RESISTANCE TO FLOW THROUGH CHECKERS

Heat	Pressure in mm of Water		Heat	Pressure in mm of Water	
	Below	Above		Below	Above
156-159	-1-6	H-5	600-602	+ 18	0
160-164	4-5	+5	603-606	+ 18	+1
165-168	+4	+4	607-610	+17	0
169-172	+4	-4-4	611-613	+16	0
173-176	+5	-i-0	614-617	+ 17	0
			618-621	+16	+1

The dust deposit is difficult to cope with, as much of it is extremely fine. It is very difficult to reduce the velocity of the gas current and throw this dust down in the limited space available, but a considerable amount of it will be deposited in a well-designed cinder pocket.